

Panasonic



Clear and Vivid 7,000 lm Projection from the Lightest and Smallest Body in Class

PT-VMZ5ES

Deliver clear, striking images in well-lit open meeting spaces and classrooms from the smallest and lightest LCD laser projector in its class. High 7,000 lm brightness, 3,000,000:1 contrast, and vivid color creates an engaging presentation experience.

Key Features

Compact and lightweight LCD laser projector

Clear Images That Are Easy to See in Bright Rooms

Installation Flexibility Adapts Projection to Any Space

Smooth and Effortless Collaboration



PT-VMZ5ES

https://ap.pnd.panasonic.com/th/en/_pt-vmz5es

| | |
|---|--|
| Projector type | LCD projectors |
| Display method | Transparent LCD panel (x 3, R/G/B) |
| Display Device -> Panel size | 16.3 mm (0.64 in) diagonal (16:10 aspect ratio) |
| Display Device -> Drive method | Active matrix method |
| Display Device -> Number of pixels | PT-VMZ71/VMZ61/VMZ51/VMZ51S/VMZ41 : 2,304,000 (1920 x 1200) pixelsPT-VMW61/VMW51 : 1,024,000 (1280 x 800) pixels |
| Light source | Laser diodes |
| Light output *1 *2 | PT-VMZ71 : 7,000 lmPT-VMZ61 : 6,200 lmPT-VMZ51 : 5,200 lmPT-VMZ51S : 5,200 lmPT-VMZ41 : 4,500 lmPT-VMW61 : 6,200 lmPT-VMW51 : 5,200 lm |
| Light output (ANSI) *1 *3 | PT-VMZ71 : 7,000 lmPT-VMZ61 : 6,200 lmPT-VMZ51 : 5,200 lmPT-VMZ51S : 5,200 lmPT-VMZ41 : 4,500 lmPT-VMW61 : 6,200 lmPT-VMW51 : 5,200 lm |
| Time until light output declines to 50 % | 20,000 hours [NORMAL] |
| -> NORMAL *5 | |
| Time until light output declines to 50 % | 24,000 hours [ECO] |
| -> ECO *5 | |
| Time until light output declines to 50 % | 20,000 hours [QUIET] |
| -> QUIET *5 | |
| Resolution | PT-VMZ71/VMZ61/VMZ51/VMZ51S/VMZ41 : WUXGA (1920 x 1200 pixels)PT-VMW61/VMW51 : WXGA (1280 x 800 pixels) |
| Contrast Ratio (typ.) *2 | 3,000,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].) |
| Screen size (diagonal) | 0.76–7.62 m (30–300 in), 16:10 aspect ratio |
| Center-to-corner zone ratio *2 | 85% |
| Lens | 1.6x manual zoom (throw ratio: 1.09–1.77:1), manual focus lens, F 1.60–2.12, f 15.30–24.64 mm |
| Digital Zoom Extender *7 | Throw Ratio 1.09–2.21:1 (Corresponding value. When used together with optical zoom.) |
| Lens shift -> Vertical(from center of screen) | +44 % |
| Lens shift -> Horizontal(from center of screen) | ±20 % |
| Keystone correction range | PT-VMZ71/VMZ61/VMZ51/VMZ51S/VMZ41 : Vertical: ±25 °, Horizontal: ±35 °PT-VMW61/VMW51 : Vertical: ±35 °, Horizontal: ±35 ° |
| Installation | Ceiling/floor, front/rear, free 360-degree installation |
| Terminals -> HDMI™ IN | HDMI™TM 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p*6 signal input), CEC supported*7 |
| Terminals -> COMPUTER IN (D-SUB 15pin) | D-sub 15-pin (female) x 2 (RGB/Y/P _B /Y/C _B C _R) |
| Terminals -> AUDIO IN(M3 Stereo Mini Jack) | M3 stereo mini-jack x 2 |
| Terminals -> AUDIO OUT(M3 Stereo Mini Jack) | M3 stereo mini-jack x 1 |
| Terminals -> SERIAL IN | D-sub 9-pin (female) x 1 for computer control (RS-232C compliant) |
| Terminals -> DIGITAL LINK IN / LAN | PT-VMZ71/VMZ61/VMZ51/VMW61/VMW51 : RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control)(HDBase™ compliant), 100Base-TX (Compatible with PLink™ [Class 2],HDCP, Deep Color, 4K/30p*6 signal input) |
| Terminals -> LAN | RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PLink™ [Class 2] |
| Terminals -> USB TYPE A | USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module,power supply (DC 5 V, maximum 2 A*8) |
| Protocol versions | IPv4, IPv6 |
| Power supply | AC 100 V–240 V, 50/60 Hz |
| Maximum power consumption *13 | 420 W (4.5–1.9 A) (455 VA)(Power consumption is 410 W at 200–240 V)370 W (3.9–1.7 A) (395 VA)(Power consumption is 360 W at 200–240 V)305 W (3.1–1.3 A) (310 VA)(Power consumption is 295 W at 200–240 V)300 W (3.1–1.3 A) (305 VA)(Power consumption is 290 W at 200–240 V)370 W (3.9–1.7 A) (395 VA)(Power consumption is 360 W at 200–240 V)305 W (3.1–1.3 A) (310 VA)(Power consumption is 295 W at 200–240 V) |
| On-mode power consumption(Operating mode) -> Normal *13 | PT-VMZ71 : [NORMAL] 390 W (100–120 V), 375 W (200–240 V)PT-VMZ61 : [NORMAL] 335 W (100–120 V), 320 W (200–240 V)PT-VMZ51 : [NORMAL] 270 W (100–120 V), 255 W (200–240 V)PT-VMZ51S/VMZ41 : [NORMAL] 265 W (100–120 V), 255 W (200–240 V)PT-VMW61 : [NORMAL] 325 W (100–120 V), 315 W (200–240 V)PT-VMW51 : [NORMAL] 260 W (100–120 V), 250 W (200–240 V) |

| | |
|--|---|
| On-mode power consumption(Operating mode) -> Eco ^{*13} | PT-VMZ71 : [ECO] 275 W (100-120 V), 265 W (200-240 V)PT-VMZ61 : [ECO] 240 W (100-120 V), 230 W (200-240 V)PT-VMZ51 : [ECO] 195 W (100-120 V), 185 W (200-240 V)PT-VMZ51S/VMZ41 : [ECO] 190 W (100-120 V), 180 W (200-240 V)PT-VMW61 : [ECO] 230 W (100-120 V), 220 W (200-240 V)PT-VMW51 : [ECO] 180 W (100-120 V), 175 W (200-240 V) |
| On-mode power consumption(Operating mode) -> Quiet ^{*13} | PT-VMZ71 : [QUIET] 270 W (100-120 V), 260 W (200-240 V)PT-VMZ61 : [QUIET] 235 W (100-120 V), 225 W (200-240 V)PT-VMZ51 : [QUIET] 190 W (100-120 V), 180 W (200-240 V)PT-VMZ51S/VMZ41 : [QUIET] 185 W (100-120 V), 175 W (200-240 V)PT-VMW61 : [QUIET] 225 W (100-120 V), 215 W (200-240 V)PT-VMW51 : [QUIET] 175 W (100-120 V), 170 W (200-240 V) |
| Built-in speaker | 10 W monaural |
| Cabinet materials | Molded plastic |
| Filter ^{*14} | Included |
| Estimated filter maintenance cycle ^{*12} | Approx. 20,000 hours |
| Operation noise -> Normal | PT-VMZ71 : 38 dB [NORMAL]PT-VMZ61/VMZ51/VMZ51S/VMZ41/VMW61/VMW51 : 36 dB [NORMAL] |
| Operation noise -> Eco | PT-VMZ71 : 38 dB [ECO]PT-VMZ61/VMZ51/VMZ51S/VMZ41/VMW61/VMW51 : 36 dB [ECO] |
| Operation noise -> Quiet | PT-VMZ71 : 28 dB [QUIET]PT-VMZ61/VMZ51/VMZ51S/VMZ41/VMW61/VMW51 : 26 dB [QUIET] |
| Body Colour | White |
| Dimensions (W x H x D) | 399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts)399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position) |
| Dimensions (W x H x D) -> Width (not including protruding parts) | 399 mm (15 23/32") |
| Dimensions -> Width (including protruding parts) | 399 mm (15 23/32") |
| Dimensions -> Height (not including protruding parts) | 115 mm (4 17/32") |
| Dimensions -> Height (including protruding parts) | 133 mm (5 1/4") |
| Dimensions -> Depth (not including protruding parts) | 348 mm (13 11/16") |
| Dimensions -> Depth (including lens) | 348 mm (13 11/16") |
| Gross Dimensions (W x H x D in mm) | VMZ5ESEJ: 567 x 451 x 264 mm VMZ5ES: 555 x 439 x 246 mm |
| Weight ^{*15} | PT-VMZ71 : Approx. 7.0 kg (15.43 lbs)PT-VMZ61/VMW61 : Approx. 6.9 kg (15.21 lbs)PT-VMZ51/VMZ51S/VMZ41/VMW51 : Approx. 6.5 kg (14.33 lbs) |
| Gross Weight (Kg) | VMZ5ESEJ: 9.8 kg(21.6 lbs) VMZ5ES: 8.9 kg(19.6 lbs) |
| Operating environment -> Operating temperature ^{*16 *17} | 0-45 °C (32-113 °F) |
| Operating Environment -> Operating humidity (No condensation) | 20-80 % (no condensation) |
| Applicable software | Multi Monitoring & Control Software, Logo Transfer Software, Presenter Light Software for Windows®*15, Wireless Projector App for iOS/Android™*16 |
| NFC | No |
| EAN | VMZ5ES: 8887549891762 VMZ5ESEJ: 5025232984664 |
| Terminals -> SDI IN | — |
| Terminals -> DVI-D IN | — |
| Terminals -> DisplayPort™ IN | — |
| Active 3D | No |
| SDM | No |